



Vanessa Torres De Leon
Department of Justice
Drug Enforcement Administration
Office of Forensic Sciences

Senior Forensic Chemist
South Central Laboratory
Dallas, TX

AREA OF EXPERTISE

Forensic Discipline

Seized Drug Analysis

Expert Testimony

- 11/27/2023; Fort Worth, TX; United States of America vs Terrance Deshun Cash; 4:23-CR-256-O
- 06/26/2023; McAllen, TX; United States of America vs Juan Posas Jr; 7:22-1076
- 01/26/2023; Amarillo, TX; United States of America vs Gregory Neil Maxwell; 2:21-CR-096-Z
- 08/25/2021; Pecos, TX; United States of America vs Oscar Sanitago Garcia Sanchez; P-21-CR-122
- 05/20/2021; Corpus Christi, TX; United States of America vs Robert Loya Jr; C-20-0832
- 11/13/2020; McAllen, TX; United States of America vs Rosbel Garcia Jr; M-18-396

PROFESSIONAL EXPERIENCE

DRUG ENFORCEMENT ADMINISTRATION

Senior Forensic Chemist, DEA South Central Laboratory, Dallas, TX, 2017 - Present

- Analyze evidence for the presence of control drug substances.
- Issue reports on analytical results and testify to findings in court.
- Perform routine maintenance and checks on laboratory equipment.
- Field Chemist Training Officer

Training

- Basic Forensic Chemist Course (Quantico, VA), 2017
- Basic Clandestine Laboratory Safety Training Course (Quantico, VA), 2018
- Clandestine Laboratory Advanced Site Safety School (Quantico, VA), 2020

AMGEN MANUFACTURING LIMITED

Scientist, Analytical Sciences Group, Juncos, PR, 2006-2017

- Routinely performed assay, purity and characterization analyses on protein and antibody products by High Performance Liquid Chromatography (HPLC), Capillary Electrophoresis (CE) and gel electrophoresis.
- Wrote and/or reviewed equipment, standard operating procedures, technical protocols, technical reports and supplemental data for Federal Drug Administration (FDA) filing.
- Developed, qualified and/or validated HPLC, Ultra Performance Liquid Chromatography (UPLC) and UV spectroscopy methods.
- Supported Non Conformance investigations by designing and executing experiments for root cause analysis.
- Trained associates in analytical methods.
- Designed and implemented an in-house preventive maintenance and performance verification program for Agilent 1100 Series HPLC instruments.

GALEPHAR PHARMACEUTICAL RESEARCH

Laboratory Technician, Juncos, PR, 2004-2006

- Participated in the research and development of new pharmaceutical products.

PFIZER

Laboratory Technician, Temporary Employee, Caguas, PR, 2003

- Participated in the method transfer of controlled drug products.

PEPSI INTERNATIONAL

Laboratory Technician, Temporary Employee, Cidra, PR, 2003

- Performed tests on products already on sale in the Latin-American market to assure that the quality of the products and the sanitary conditions of the bottling companies remained within standards.

US ARMY

Petroleum Laboratory Specialist, Fort Lee, VA, 2000-2002

- Honorably discharged

EDUCATION AND CERTIFICATIONS

University of Puerto Rico, Humacao, PR

Bachelor of Science in Industrial Chemistry, 2000